

SOURCE CODE: UR/0413/66/000/010/0097/0097

INVENTOR: Bobrov, K. A.; Zibin', D. K.

ORG: None

TITLE: A pulse counter. Class 42, No. 181876 [announced by the VEF State Electrical Engineering Plant (Gosudarstvennyy elektrotekhnicheskiy zavod VEF)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 10, 1966, 97

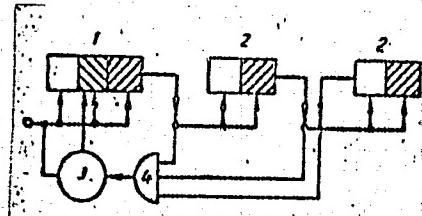
TOPIC TAGS: flip flop circuit, pulse counter, coincidence circuit

ABSTRACT: This Author's Certificate introduces a pulse counter containing a tristable flip-flop and two bistable flip-flops connected in series. The unit is designed for producing eleven states in 1-2-3-5 code. The counter input is connected to the counter input of the tristable flip-flop with simultaneous connection through a diode to the auxiliary set terminal for the second digit on this flip-flop. The second input of the diode is connected to the output of a coincidence circuit with inputs tied to the last digit of the tristable flip-flop, the second digit of the first bistable flip-flop and the first digit of the second bistable flip-flop.

Card 1/2

UDC: 681.142.07

ACC NR: AP6017992



1—tristable flip-flop; 2—
bistable flip-flops; 3—diode;
4—coincidence circuit

SUB CODE: 09/ SURM DATE: 10Apr65

Card 2/2

L 35921-66 EWT(1)

ACC NR. AP6005289

SOURCE CODE: UR/0413/66/000/001/0033/0034

INVENTOR: Zibin', D. K.

ORG: none

TITLE: Transistorized pulse generator. Class 21, No. 177456SOURCE: Izobreteniya, promyshlennyye obraztay, tovarnyye znaki, no. 1,
1966, 34

TOPIC TAGS: pulse generator, transistor, transformer

ABSTRACT: An Author Certificate has been issued for a transistorized pulse generator consisting of a blocking oscillator and reactive trigger. To extend the duration of the oscillation period and increase the stability of generated pulses, the output winding of the blocking generator transistor is connected with the input of the reactive trigger.

Card 1/2

UDC: 621.373.52

ZIBIN, IU

Sinaiuk, D.; Gruber, M. Extending the life of shoes by creating new lasts. Tr. from the Russian. p. 22.

LEKA PROMISHLENOST, Sofiya, Vol. 4, no. 1, 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110006-0

ZIBIN, Ju. P. [Zybin, Yu. P.] (Moszkva)

Fundamentals of designing lasts with reasonable forms. Bor
cipa 13 no.4:110-112 J1 '63.

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110006-0"

Zibin, Yu.

Zibin, Yu.; Sinaiuk, D.; Gruber, M. Extending the life of shoes by creating new lasts. Tr. from the Russian. p.22. LEKA PROMISHLENOST. Sofiya. Vol. 4, no. 1, 1955.

SO: Monthly List of the East European Accessions, (SEAL), LC. Vol. 4, no. 10, Oct. 1955. Usl.

ZIBIN, Y. P.

Extending the Wear Time for Shoes through the Design of a New Last Construction.
(Light Industry,) #1:22:Jan. 55

ZIBITSKER, D. Kh.: Doc Med Sci (diss) -- "The use of desensibilizing therapy
in certain infectious processes under experimental and clinical conditions".

Moscow, 1958. 15 pp (Acad Med Sci USSR), 200 copies (KL, No 5, 1959, 154)

ZIBITSKER, D. Ye.; RUBINSSTEIN, I. S.; SHCHEDRINSKAYA, Ye. M. FRID, M. A.

"Cases of Colibacillosis in Newborn Children," Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii, No 1, 1953.

Belorussian Institute of Epidemiology and Microbiology

EXCERPTA MEDICA Sec.4 Vol.11/4 Med.Microb. etc. April 58

1087. A TRIAL OF INFLUENZA VACCINE IN THE BELORUSSIAN SSR (Russian text) - Zubitsker D. E., Selivanov Ya. M., Fasko T. A. and Gosilovskaya A. E. - VOPR. VIRUSOL. 1956, 6 (43-47)

During autumn and winter 1954, 44,247 inhabitants of Minsk and Vitebsk received intranasally (0.2-0.3 ml. or 5 drops in each nostril) a dry, live, polyvalent influenza vaccine. The vaccine was administered to industrial workers, college and institute students, older schoolchildren and medical and auxiliary hospital and dispensary staff. Younger schoolchildren and pre-school children were excluded, in view of their high sensitivity to such a vaccine. As a result of a single vaccination, the incidence of influenza and upper respiratory catarrh was lowered 2.2 times and the loss of man-hours 2.6 times. An insignificant number of local and general reactions such as nasal discharge and headache were observed. A very mild reaction was observed in 9.8%, a mild reaction (pyrexia 37.5°C.) in 0.6%, and a moderate reaction (pyrexia higher than 37.5°C.) in 0.17% of all vaccinated individuals.

(S)

*Belorussian Inst. Epidem. Microbiol. &
Hygiene, Minsk*

VOTYAKOV, V.I., red., ZIBITSER, D.Ye., red., FEL'DMAN, E.V., red.

[Collection of papers of the White Russian Institute of Epidemiology, Microbiology, and Hygiene] Sbornik nauchnykh trudov Belorusskogo instituta epidemiologii, mikrobiologii i gigienny. Pod red. V.I.Votyakova, Zubitskera, D.Ye., Fel'dman, E.V. Minsk, Izd-vo TSK KPB, 1957. 394 p. (MIRA 11:10)

1. Minsk. Belorusskiy institut epidemiologii, mikrobiologii i gigienny.

(COMMUNICABLE DISEASES)

VOTYAKOV, V.I.; ZIBITSKER, D.K.; LEVIN, M.Sh.; KOROTKEVICH, V.I.; BELOUSOVA,
V.K.; TERESHONOK, N.G.

The technic of manufacturing dried phenolized antirabies vaccine.
Vop.virus. 3 no.1:49-50 Ja-F '58. (MIRA 11:4)

1. Belorusskiy institut epidemiologii, mikrobiologii i gigiyeny,
Minsk.

(RABIES, prevention & control
dried phenolized vaccine, prep., technic (Rus)

ZIBITSKER, D.Ye.; PASHKOVSKAYA, B.S.; YEGOROVA, Ye.D.

On the detection of anicteric forms of Botkin's epidemic hepatitis.
Zhur.mikrobiol.epid.i immun. 30 no.8:117-118 Ag '59. (MIRA 12:11)

1. Iz Belorusskogo instituta epidemiologii, mikrobiologii i gigiyeny.
(HEPATITIS, INFECTIOUS diagnosis)

ZIBITSKER, D.Ye.; ALIKINA, Z.G.

Determination of the aldolase activity of the blood in the early diagnosis of epidemic hepatitis. Zdrav. Bel. 5 no.5:13-17 '59.

(MIRA 12:8)

1. Iz Belorusskogo instituta epidemiologii, mikrobiologii i gigiyeny i kafedry infektsionnykh bolezney Minskogo meditsinskogo instituta.
(HEPATITIS, INFECTIOUS) (ALDOOLASE)

17(2)

SOV/16-59-6-23/46

AUTHORS: Votyakov, V.I. and Zubitsker, D.Ye.

TITLE: The Belorussian Institute of Epidemiology, Microbiology and Hygiene on the Occasion of the 40th Anniversary of the Belorussian SSR

PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, № 6,
pp 112-117 (USSR)

ABSTRACT: This is a history of the Belorusskiy institut epidemiologii, mikrobiologii i gigiyeny (Belorussian Institute of Epidemiology, Microbiology and Hygiene), its activities and some of its scientific associates. Among the well-known scientists who received their training at the Institute are: Honored Scientist, Doctor of Medical Sciences, Professor B.Ya. El'bert, Corresponding Member of the AMN, USSR, Doctor of Medical Sciences, Professor E.K. Mogilevchik, Doctor of Medical Sciences, Professor I.A. Sutin, Doctor of Medical Sciences S.I. Gel'berg, Docents and Senior Scientific Associates I.S. Rubinshteyn, V.I. Votyakov, A.O. Sakovich, D.Ye. Zubitsker, Ye.Ye. Sokobenzon, B.B. Rubinshteyn, G.I. Rakhmankik, Candidates of Medical Sciences M.Sh. Levin, R.I. Levina, A.V. Gritskevich, Ts.A. Perlis, L.I. Nikonorovich, etc. The Institute produces one of the best tuberculosis vaccines in the USSR. It has conducted a number of investigations (Brandin,

Card 1/5

SOV/16-59-6-23/46

The Belorussian Institute of Epidemiology, Microbiology and Hygiene on the Occasion of the 40th Anniversary of the Belorussian SSR

Frid, etc.) to improve the microbiological methods of diagnosing tuberculosis. The Institute has studied the importance of the neuroreceptor areas in rabies infection in animals and in immunization with rabies antivaccine. Zubitsker and Korotkevich have developed a method of determining the immunogenic properties of rabies vaccines by infecting immunized mice with fixed rabies virus. Attempts are being made to prepare a dry rabies vaccine. The Institute has devised experimental techniques for estimating the virulence of small-pox vaccine in guinea pigs, has carried out clinical investigations on immunized children and studied means of preserving the heat-resistance and immunogenic properties of small-pox vaccine. Studying the mechanism of paratyphoid B fever and immunity, Rabinovich showed the importance of the barrier function of the Mechanikov macrophage system and the other elements of the reticuloendothelial system. Attempts to improve dysentery bacteriophage were made by using the technique of guided variation of *Shigella shigae* and *Escherichia coli*. Manolov, Rakhmanchik, Kruglik, Kulikova and Timofeyeva in 1955 tried to rationalize the different methods of dysentery diagnosis. Studies of nidi of infections caused by pathogenic *Escherichia coli* have also been performed. In its work on diphtheria the Institute has done

Card 2/5

SOV/16-59-6-23/46

The Belorussian Institute of Epidemiology, Microbiology and Hygiene on the Occasion
of the 40th Anniversary of the Belorussian SSR

research in: the selection of horses for diphtherial hyperimmunization, preserving immune sera with chinosol, the titration of immune sera and the reactive properties of crude, heated and refined sera, the removal of ballast proteins from sera (Levin and Sosina). A number of bacteriological and experimental investigations have established the desensitizing action of novocaine and the magnesic drugs, also the desensitizing and antibiotic properties of citral. Livshits, Agronovich, Bukhovtsova, etc. have demonstrated that citral has good therapeutic effects on furunculosis, postnatal infections, stubborn forms of rheumatic polyarthritis and shin ulcers. Votyakov and Nikonorovich have demonstrated the importance of functional changes in the central nervous system in the pathogenesis of gas gangrene. The Institute has developed a method for the differential diagnosis of the scleroma bacillus from the other microbes in the capsule group, using agar-microscopy, and has described new varieties of bacilli in this group. It constantly organizes expeditions to study the epidemiology of scleroma in Belorussia and has also taken an active part in the anti-malaria campaign. Studies have been made of the natural foci of tularemia in Belorussia and the Institute has demonstrated the effectiveness of vaccination against this disease. The Institute's workers have

Card 3/5

SOV/16-59-6-23/46

The Belorussian Institute of Epidemiology, Microbiology and Hygiene on the Occasion
of the 40th Anniversary of the Belorussian SSR

traced the source of brucellosis to cattle and attribute the spread
of leptospiroses to field and domestic rodents. Protas, Savitskiy, etc.
have put forward the hypothesis that the seasonal outbreaks of encephalitis
in Belorussia are caused by infected goat's milk. Selivanov, Zubitsker
and Votyakov have studied the etiology and epidemiology of influenza and
the efficacy of influenza vaccination. Studies have also been made on:
the epidemiology and early diagnosis of epidemic hepatitis; aldolase
activity as an index to the diagnosis of Botkin's disease; the efficacy
of intradermal immunization with the Salk vaccine. The Institute is
investigating the sporadic outbreaks of typhus and is working on a method
for preparing a rickettsiosis antigen from lice adapted to rabbits
(Kosobutskiy). Indications have been received that trichinosis is wide-
spread among wild animals in Belorussia. Trichinella antigens have been
prepared and immunological methods of diagnosing this disease worked out.
Similar work has been performed on diseases caused by tapeworms, enteritic
protozoa and Toxoplasma. New laboratories have been set up to produce

Card 4/5

SOV/16-59-6-23/46

The Belorussian Institute of Epidemiology, Microbiology and Hygiene on the Occasion
of the 40th Anniversary of the Belorussian SSR

gamma-globulin, diagnostic preparations, including dysentery, typhoid,
scleroma, dry complement and hemolytic sera. The Institute has mastered
the production of antirabies vaccine from sheep's brains. The Institute
works in close cooperation with the Belorussian public health service
and also does much to improve the scientific qualifications of its
associates.

Card 5/5

ZIBITSKER, D.Ye.

Allergy and autosensitization. Zdrav. Belor. 6 no. 9:27-30 8 '60.
(MIRA 13;9)

1. Belorusskiy institut epidemiologii, mikrobiologii i gigiyeny.
(ALLERGY)

ZIBITSKER, D.Ye.

Fungicidal activity of citral and chinosol in relation to Candida.
Zhur. mikrobiol. epid. i immun. 31 no.7:15-18 J1 '60. (MIRA 13:9)

1. Iz Belorusskogo instituta epidemiologii, mikrobiologii i gigiyeny.
(QUINOLINOL) (CITRAL) (CANDIDA)

ZIBITSKER, D.Ye.; KISELEV, A.V.; GASILOVSKAYA, A.Ye.

Use of gamma globulin for preventing infectious hepatitis. Zdrav.
Bel. 7 no.5:17-X9 My '61. (MIRA 14:6)

1. Belorusskiy institut epidemiologii, mikrobiologii i gigiyeny
(direktor V.I.Votyakov).
(HEPATITIS, INFECTIOUS) (GAMMA GLOBULIN)

ZIBITSKER, D.Ye.; KOROTKEVICH, V.I.

Determination of the immunogenicity of antirabies vaccine in planter
infection of immunized mice. Nauch. osn. proizv. bakt. prep. 10:20-
23 '61. (MIRA 18:7)

1. Belorusskiy institut epidemiologii, mikrobiologii i gigiyeny.

ZIBITSKER, D.Ye.; KISELEV, A.V.

Epidemiology and prophylaxis of Botkin's disease in preschool
children's establishments. Vop. virus 8 no.1:118 Ja-F'63.
(MIRA 16:6)

1. Belorusskiy institut epidemiologii, mikrobiologii i gigi-
eny.

(HEPATITIS, INFECTIOUS)

ZIBITSKER, D.Ye.

Cytotoxic action of diphtheria toxin and titration of
diphtheria antitoxin by the use of tissue cultures. Zhur.
mikrobiol., epid. i.immun. 40 no.2:82-87 F '63,
(MIRA 17:2)

1. Iz Belorusskogo instituta epidemiologii, mikrobiologii
i gigiyeny.

ZIBITSKER, D.Ye.; MILIKOVA, M.G.

Ineffectiveness of the aldolase test as a method for selection
of placental sera in the preparation of gamma globulin. Zhur.
mikrobiol. epid. i immun. 40 no.5:123-126 My '63.

(MIRA 17:6)

1. Iz Belorusskogo instituta epidemiologii, mikrobiologii i
gigiyeny.

ZIBITSKER, D.Ye.; GALITSKAYA, N.N.; LEONOVICH, A.L.; SPIRIDONOV, Ye.M.

Detection of incomplete autoantibodies in multiple sclerosis patients using the modified indirect Coombs' test. Zhur. nevr. i psikh. 65 no.11:1606-1610 '65. (MERA 18:11)

1. Belorusskiy institut epidemiologii, mikrobiologii i gigiyeny (direktor V.I.Votysakov) i Belorusskiy institut neurologii (direktor I.P.Antonov), Minsk.

ZIBITISKER, D.Ye.; KIGEL'EV, A.V.

Planned γ -globulin prophylaxis of Botkin's disease with consideration of the duration of the induced immunity. Zbir.mikrobiol., epid. i immun. 42 no.3:116-122 Mr '65. (MIRA 18:6)

1. Beloruskiy institut epidemiologii, mikrobiologii i gigiyeny.

ZIBITSKER, D. Ye.

Use of gamma globulin in the prevention of Botkin's disease and
other infectious diseases. Zhur. mikrobiol., epid. i immun. 43
no. 1:57-61 Ja '66 (MIRA 19:1)

1. Belorusskiy institut epidemiologii, mikrobiologii i gigiyeny.
Submitted March 18, 1965.

YAKIMENKO, Ye.V.; ZIBLIKEVICH, S.L.

Plant tests of nonionogenic demulsifiers. Nefteper. i neftekhim.
no.9:9-10 '64. (MIRA 17:10)

1. Omskiy neftepererabatyvayushchiy zavod.

BARANOV, V.A.; ZIBOL'D, F.F., POPOV, L.N.

Results of hydrological and hydrochemical research in reservoirs
of the Donets Basin. Gidrokhim. mat. 32:122-127 '61. (MIRA 14:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut vodosnabzheniya
kanalizatsii, gidrotekhnicheskikh sooruzheniy i inzhenernoy
gidrogeologii "VODGEO" i Akademiya stroitel'stva i arkhitektury
SSSR, laboratoriya gidrologicheskikh issledovaniy, Moskva.

{Donets Basin—Reservoirs)
(Water—Composition)

SVYATENKO, M.M.; ZIBOROV, D.K.

Increase the raw material resources of Sumy region sugar plants. Sakh.
prom. 31 no. 4:40-43 Ap. '57. (MIRA 10:6)

1. TSentral'nyy nauchno-issledovatel'skiy institut sakharnoy promyshlennosti.

(Sumy Province--Sugar industry)

ZIBOROV, D.K.

Levering production cost of granulated sugar. Sakh. prep. 32
no.11:52-55 N '58. (MIRA 11:12)

1.TSentral'nyy nauchno-issledovatel'skiy institut sakharney
promyslennosti.
(Sugar industry--Costs)

ZIBOROV, D.K.

Index of starch extraction from corn in its processing.
Sakh. prom. 37 no.10:51-52 O '63. (MIRA 16:12)

1. Tsentral'nyy nauchno-issledovatel'skiy institut krakhmalopatochnoy promyshlennosti.

ZIBOROV, D.K.

System of payment for beets according to their saccharinity.
Sakh. prom, 35 no. 1;56-58 Ja '61. (MIRA 14:1)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sakharnoy
promyshlennosti.

(Sugar beets)

YAPASKURT, V.V.; YEPISHIN, A.S.; SHAKIN, A.N.; SILIN, P.M.; ZHIDKOV, A.A.;
KHELEMSKIY, M.Z.; SHEMYAKIN, P.N.; NOVIKOV, V.A.; POPOV, V.D.; BEGIN,
G.S.; NAYDENOV, A.K.; KURBATOVA, V.S.; KARTASHOV, A.K.; YARMOLINSKIY,
A.K.; ZIBOROV, D.K.; VAYSMAN, M.L.; ZAMEROVSKIY, V.A.; SVYATENKO, M.M.

IULii Markovich Zhvirblianskii; obituary. Sakh.prom.29 no.6:48 '55.
(Zhvirblianskii, IULii Markovich, 1894-1955) (MIRA 9:1)

ZIBOROV, I.

Elementary driving education. Za rul. 18 no.1:22-23
Ja '60. (MIRA 13:5)
(Automobile drivers)

ZIBOROV, I., inzh.

Universal stand for tire dismounting and mounting. Avt. transp. 37
no.9:53-54 S '59.
(Motor vehicles--Tires)

ZIBOROV, Nikolay Mikhaylovich; MISHUSTIN, Mikhail Yefimovich; POPOV, German
Sergeyevich; KOMAROV, A.F., red.; LARIONOV, G.ye., tekhn. red.

[Low-power industrial boilers] Promyshlennye parovye kotly maloi
moshchnosti. Moskva, Gos. energ. izd-vo, 1961. 278 p.
(MIRA 14:6)

(Boilers)

AUTHORS:

Ziborov, V. A., Pertin, Yu. A.,
Tatevskiy, V. M.

76-32-3-33/43

TITLE:

Letters to the Editor (Pis'ma v redaktsiyu).
Rules Governing the Mean Magnetic Susceptibility of
Paraffin Hydrocarbons and Ethers (Zakonomernost'
v srednikh magnitnykh vospriimchivostyakh parafinovykh
uglevodorodov i spirtov)

PERIODICAL:

Zhurnal Finicheskoy Khimii, 1958, Vol. 32, Nr 3,
pp. 707-709 (USSR)

ABSTRACT:

In connection with work performed on types and subtypes of hydrocarbon bonds and with corresponding analysis of their physicochemical properties a formula is given by which the phenomena mentioned in the title can be determined. The results of the determinations performed with a series of substances are given in a table. They show good agreement with the experimentally obtained values. The given scheme of calculation is more suitable than Pascal's scheme (and the modifications), "and moreover does not possess any additive

Card 1/2

Letters to the Editor

76-32-3-33/43

Rules Governing the Mean Magnetic Susceptibility of Paraffin
Hydrocarbons and Alcohols

constants. The applied theoretical expressions of the stability of the physicochemical quantities (with the nature of a capacity factor) can, according to the results in comparison with the experimental data, be well used. In this manner the importance of the physicochemical properties of organic compounds can be explained and predicted on a much broader basis than it was possible before. There are 2 tables and 8 Soviet references.

ASSOCIATION: Moscow gosudarstvenny universitet im. M.V. Lomonosova /
(Moscow State University imeni M. V. Lomonosov)

SUBMITTED: October 17, 1956

AMERICAN
Card 2/2

ZIBOROV, V.S.

Popularizers of hydrometeorological books. Meteor. i gidrol.
no.10:40-41 O '63. (MIRA 16:11)

1. Gosudarstvennoye nauchno-tehnicheskoye gidrometeorologicheskoye
izdatel'stvo.

ZIBOROV V.Ya.

USSR/Diseases of Farm Animals - Pathology of Reproductions.

R-5

Abs Jour : Ref Zhur - Biol., No 14, 1958, 64700

Author : Kupchinskiy, V.L., Ziborov, V.Ya.

Inst : Stavropol Agricultural Institute.

Title : The Inguinal and Scrotal Hernias of the Bladder in Barrows.

Orig Pub : Tr. Stavropol'sk. s.-kh. in-ta, 1956, vyp. 7, 423-428.

Abstract : No abstract.

Card 1/1

TEREKHINA, M.T., prof.; BOBYIEVA, Z.I., dotsent; SIPKO, I.I.; KOTENKO, N.
A., assistant; LYUBIMOV, Yu.A., assistant; ZIBOROVA, V.P., ordi-
nator

Ultraviolet rays in the practice of merino sheep farming. Veteri-
nariia 40 no.2:49-51 F '63. (MIRA 17:2)

1. Stavropol'skiy sel'skokhozyaystvennyy institut.

TEREKHINA, M.T., prof.; BOBYLEVA, Z.I., dotsent; SIPKO, I.I., dotsent; LYUBIMOV,
Yu.A., assistant; KOTENKO, N.A., ordinатор; ZIBOROVA, V.P., ordinator

Disorder of metabolism in cows and the characteristics of dyspepsia
in calves. Veterinariia no.12:31-34 D '63. (MIRA 17:2)

1. Stavropol'skiy sel'skokhozyaystvennyy institut.

ZIBOROVA, V.P., ordinator

Some biochemical indices of the blood in Merino suckling lambs.
Veterinariia 41 no.9:74-76 S '64. (MIRA 18:4)

1. Stavropol'skiy sel'skokhozyaystvennyy institut.

RABINOVICH, A.G.; ZIBOROVÁ, Ye.N.

Method for determining impurities in rolled wire metal including
nonmetallic inclusions. Zav. lab. 31 no.1:73-76 165.

(MIRA 18:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut metallov.

ZIBOS, V.

USSR/Radio - Propaganda
Voice of America

Oct 51

"Concerning the 'Voice of America' and Certain
Admissions of American Congressmen," V. Zibos

"Radio" No 10, pp 57-59

Quotes out of context various American senators,
representatives, and officials, attempting to show
that the Voice of America is completely ineffective.
The last paragraph, however, warns that the scandalous
breakdown of the Voice of America does not eliminate
the danger which its propaganda brings to all peace-
loving peoples.

P03T61

ZIBOV, V.

"About the "Voice of America" and some acknowledgements by American congressmen,"
Radio, 1951.
"Technical Consultation," Radio, 1951.
"New Books," Radio, 1951.
"The Radio-amateurs-builders, the participants of the 9th All-Union exhibit
who received the second degree diplomas," Radio, 1951.

KAZMINA, T.I.; ZIBREVA, T.P.

Silt waters of some recent sediments. Trudy VNIGRI no.174:155
(MIRA 14:1*)
165 '61.

{ Indian Ocean—Sediments (Geology)
{ Karelian Isthmus—Sediments (Geology)
(Water, Underground—Analysis)

DONSKOY, S.M.; ZEMSKOV, N.Ya.; OSENOV, V.I.; POTAPOV, A.I.;
UDALIKHINA, A.S.; YAROSHUK, D.Ya.; VAYNER, M.S.; VERNYI,
Ye.A.; CHURKIN, D.I.; GERASIMOV, K.A.; ZIBRIN, D.A.;
AYKHENVAL'D, Ye.L.; KOZLOV, A.I.; BULANOV, A.G.;
OSTROVSKAYA, L.N.; TAUHEE, I.S.; PETROV, Z.I.; POTEPALEV,
V.A.; PECHONYY, A.D.; TROFIMOVA, A.S., tekhn. red.

[Development of power engineering in the Tatar A.S.S.R.]
Razvitiye energetiki Tatarskoi ASSR. Kazan', Tatarkoe knizhnoe
izd-vo, 1961. 145 p. (MIRA 15:2)

1. Tatar A.S.S.R. Sovet Narodnogo khozyaystva. Upravleniye
energeticheskoy promyshlennosti.
(Tatar A.S.S.R.--Power engineering)

HRUDKA, Frantisek, MVDr. doc.; ZIBRIN, Martin

Occurrence of vacuoles in the nucleoplasma of normal bull sperm.
Veter medicina 9 no.1:11-18 Ja '64.

1. Institute of Histology and Embryology of the Faculty of
Veterinary Medicine, Higher School of Agriculture, Kosice.
Director of the Institute: [doc. MVDr.] Frantisek Hrudka.

ZIBRIN, Z.

3,000 meters through ice and rocks. p. 378

KRASY SLOVENSKA (Poverenictvo Dopravy. Riaditelstvo pre cestovny ruch)
Bratislava Czechoslovakia

Vol. 36, no. 10, Oct. 1959

Monthly list of East European Accessions (EEAI) LC. Vol. 9, no. 1 January 1960

Uncl.

ACC NR: AP7004751.

SOURCE CODE: UR/0413/67/000/001/0046/0046

INVENTOR: Zibrov, V. D.; Medvedev, L. V.

ORG: none

TITLE: Phasemeter of ultralow electrical oscillation. Class 21, No. 189942

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1967, 46

TOPIC TAGS: phase measurement, phase METER, OSCILLATION

ABSTRACT: An Author Certificate has been issued for a phasemeter to measure ultralow electrical oscillations. The phasemeter consists of input comparator circuits to shape pulses while input signals are passing through zero, a trigger, a linearly varying voltage generator, and an output memory circuit. In order to provide automatic phase measurement directly in degrees, and to insure the independence of readings from the value of the direct component of input signals, the linearly varying voltage generator is designed as an integrating amplifier whose input is connected to the outputs of the frequency meter and an inverter, at the frequency meter output through the series networks which consisted of a diode and an input resistor. The control key circuits are connected to the diode junctions. [GS]

SUB CODE: 09/ SUBM DATE: 29Jan64/

Card 1/1

UDC: 621.317.77

ZIBUTS, Yu. A.

P.3

Sov/77-4-2-15/18

23(4) 23 (5)

AUTHOR: Lysakov, K.S.
TITLE: Successes of Soviet Electrophotography (Uspishi sovetskoj elektrofotografii). A Scientific and Technical Conference on Questions of Electrophotography (Nauchnoe zashchita konferentsiya po voprosam elektrofotografii).

PERIODICAL: Zhurnal nauchnoy i prakticheskoy fotografii i kinematografii, 1959, Vol. 4, No. 2, pp. 150-152 (USSR)

ABSTRACT: This is an account of a scientific and technical conference on electrophotography, the first to be held in the Soviet Union and evidently the first in the world. It was organized in Vil'nyus on December 16-19, 1958 by the Soviet Lithuanian Kharkovskaya Litovskoy SSR Council for National Economy of the Lithuanian SSR, the Gosudarstvennyi Tekhnicheskii Komitet Sovetskogo ministrstva Nauki i Tekhnicheskogo i Tekhnicheskogo Committee of the Lithuanian SSR (State Scientific and Technical Committee of Lithuania), and the Council of Universty of Lithuania, the Lithuania Academy of Sciences, the Institute of Electrophotography (Scientific Research Institute of over 300 scientific workers), the conference, attended by over 200 scientific workers, was opened by the Deputy Chairman of the Council of National Economy of the Lithuanian SSR Prof. Kukute, after which the Director of the Institute of Electrophotography, I.I. Zhdanovich, reviewed the state and prospects for development of electrophotography in the USSR. He stated that research in this field should be carried out along the following lines: a) a search for new photo-active materials with high dark resistance; b) physical research into the internal photoeffect; c) development of photoconductor layers; d) development of the theory of the electrophotographic process. K.S. Lysakov (speaking also for O.G. Fokov) reported on which he succeeded during the conference to improve the sensitivity of electrophotographic layers in GOST 11.7.1-57. P. M. Plavina (Speaking also for I.I. Zhdanovich, I.I. Semenov, V.V. Markovich, B.I. Kalinavskaya and O.M. Sverzov) reported on some research on the sensitization of a semiconductor in electrophotographic layers. V.I. Puchkin gave a report on highly sensitive electrophotographic layers and electrophoto-copying device, and reviewed the application of the principles of the latent electrophotographic image on the basis of the zonal theory. He also described the design of an electro��ometer for determining sensitivity of the layer and the circuit of a charge on the surface of the layer and the circuit of an electrophotographic copying device. In addition, he finished describing the latter and then spoke on the mechanics and kinetics of the development of the latent electrophotographic image in liquid developers.

Card 3/0

SC7774-2-15/8
 Successes of Soviet Electrophotography; A Scientific and Technical Conference on Questions of Electrophotography

I.M. Vinogradov described some of the features of the cascade and liquid methods of electrophotographic development. Yu.I. Karpekin devoted his report to the criterion of light sensitivity of the electrophotographic process. After the reports, a discussion took place on methods of determining the light sensitivity of electrophotographic layers. A.N. Chernyshev spoke on the prospects of developing photorefractive processes using electric and magnetic forces. O.V. Gromov (speaking also for V. N. Zhdanov and Yu. N. Kavalkin), T.A. Gordiyeva, A.S. Puzina (speaking also for I. V. Reproducing equipment, A.S. Vich, S.I. Gal'vadik and N. I. Shchukauskas) reported on the use of electrophotographic methods in recording oscillographs and other recording instruments.

V.P. Turchenko (speaking also for L.M. Sulin) spoke on the possibility of electrophotographically recording images from electron-beam tubes. L.S. Kalininskaya, M.M. Markovich, T.I. Korol' (speaking also for N.M. Kostomarov, M.E. Bayneus, F. M. Mil'man, B.I. Moiseyev) gave a detailed description of laboratory and machine methods of producing photosemiconducting papers (titanium dioxide was used). A.A. Shul'ny (speaking also for I.J. Zhil'evich, O.V. Gordiyeva, T.N. Ger) described a laboratory and industrial machine for producing photosemiconductor papers. T.A. Shchukina (speaking also for Ya.A. Oksanen) reported on a method of etching electrophotographic materials using an arc bridge. S.I. Khotsmanovich (speaking also for A.I. Glince and I.S. Shul'ny) spoke on developing cascade methods for electrophotography and ferromagnetic papers, including developing a reverse image. D.I. Melnikov reviewed methods of measuring the dielectric strength of electrophotographic layers, stressing that the oscillating potential should not be placed above a layer with variable potential (speaking also for R.D. Gorbunov, A.V. Chubrikova, S. O. Olsuf'ev) spoke on the production of electrophotographic paper. Papers produced by the Gorskii Electrophoto factory were shown. E. G. Troitskaya then gave a historical review of the development of electrographable methods in which he paid tribute to the work of the Scientific Research Institute of Electrography in Vil'nius—the Institute poligraficheskogo mashinostroyeniya (Polygraphic Machine-building Institute) (Laserer). Debates were then held.

Card 6/10

on methods of recording the potential of charged electro-photographic layers. The vibration pick-up method was shown in B.I. Timashov's report to be not always accurate. S.G. Grenin also stated that the bad influence of the oscillating electrode can be eliminated if the electrode probe above its surface is fixed and if the pick-up is connected to it by a shielded cable. In the pick-up research Ye.L. Nearyakov's report was noted that the electrostatic field can be considered as the basis of all work on electro-photographic papers with ZnO , as they were the first to show the possibility of optical sensitization of the internal photoeffect in ZnO. M.M. Gol'Yanulis then gave a report on the deposition of charges by a corona discharge. A.I. Kuznetsov and A.P. Vlachoukas served some of the points of the electrographic methods in radiography. L.I. Ryumkin, Vlachoukas and Yu.I. Zil'evich reported on the use of glasses in semiconductor layers. On relaxation processes in semiconductor layers, using a vibration photo-physical properties of the polycrystalline layers of selenium and cadmium, K.P. Mikhalevich spoke of the photoelectric properties of the photoelectric layers of absorption materials of Sb₂S₃ and Sb₂S₃: the R.M. Kozachenko reported on methods of obtaining selenium light-sensitive layers, including sublimation and selenization of the layers increased after storage for 1.5 to 2 months at room temperature. P.M. Petrushina (speaking on electrical properties of electro-photographic layers) spoke of the search into the absorption of zinc oxide of Shchitov (speaking also on powdered zinc oxide). N.K. the production of light-sensitive layers and their magnetotography. Finally, the following reports on ferro-magnetic recording were delivered: 1) N.Ya. Kazanachyeyev "Magnetic Characteristic of Nickel-Cobalt-Alloy Graphite Magnetic Oscillating Systems by the Ferromagnetic Recording Method"; 2) V.P. Patrunov "Ferromagnetic Recording of Photoelectric Images"; 3) T.Z. Tsvetkov "Ferromagnetic Recording in Non-Magnetic Materials"; 4) I.V. Glikman "Ferromagnetic Recording in Semiconductors". There was also an exhibition showing the work of the Graphical Institute, showing the work of the Electric Institute. The most important conclusion to the conference was that a solid approach had been made to the possibility of wide technical use of this method. This field actually emerged only in 1955-56 in the U.S. 10 years earlier to reproduce results already achieving that it was first to arrive at them, the conference achieved that no significant acceleration appeared in the literature available.

Card 10/10

233000 1138

89051
S/077/60/005/005/002/006
B019/B059

AUTHORS: Zibuts, Yu. A., Nyun'ko, L. I.

TITLE: On the problem of half-tone transmission in electrophotography

PERIODICAL: Zhurnal nauchnoy i prikladnoy fotografii i kinematografii,
v. 5, no. 5, 1960, 352 - 355

TEXT: It was the aim of the present work to estimate the transmission of half-tones according to the variation of the surface potential of a semiconductor layer on exposure, considering that intersubstitution is not fulfilled. The authors employed a semiconductor layer of zinc oxide, part of which was sensitized with eosin. The surface potential of the semiconductor layer was measured with a dynamic electrometer featuring a vibrating glass electrode coated by a thin conductive SnO_2 film. A low-frequency oscilloscope with the electron-beam deflection gauged in volts was used as a recording instrument. Exposure was brought about by means of a shutter from a "Zorkiy-4" camera supplying nearly rectangular pulses on exposure times of 1, 1/2, 1/5, 1/10, and 1/25 seconds. The dependence of the potential drop ΔV on the initial potential V_0 in the case of an exposure

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89051

S/077/60/005/005/002/006
B019/B059

On the problem of half-tone...

with constant light pulses is shown in Fig. 1. As can be seen, ΔV increases linearly in the case of low V_0 ; saturation is reached when V_0 is high. Fig. 2 shows the dependence of ΔV on the exposure of an unsensitized layer for the case of a constant shutter aperture and an equal initial potential V_0 . In Fig. 3, the same is shown for a sensitized layer. In the discussion of the results, the authors conclude that the potential drop arises from production of free charge carriers. It is further concluded that a correct transmission of half-tones by means of a potential relief forming upon the semiconductor layer on exposure is possible only if the potential drop depends linearly on the exposure time. This can only be obtained in the case of short exposures and high shutter speeds. Sensitization of the semiconductor layer narrows that exposure range in which a correct transmission of half-tones is possible. Moreover, by this method a correct transmission of the half-tones in electrophotographic prints is possible only if the potentials of the various sections on the surface layer are exclusively in the range of linear dependence of the density of blackening on the surface potential. The Kaunasskaya bumazhnaya fabrika im. Yu. Yanonisa (Kaunas Paper Mill imeni Yu. Yanonis) is mentioned. There are 3 figures, 1 table, and 13 references: 10 Soviet-bloc and 3 non Soviet-bloc.

Card 2/4

On the problem of half-tone...

89051
S/077/60/005/005/002/006
B019/B059

ASSOCIATION: Vil'nyus NII Elektrografii (Vil'na Scientific Research Institute of Electrography)

SUBMITTED: March 21, 1960

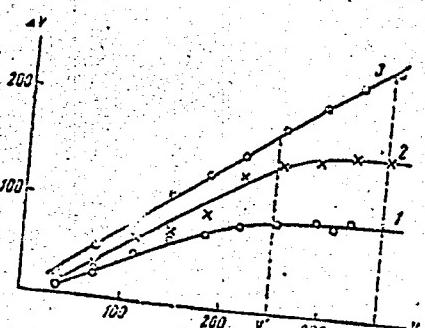


FIG. 1

Card 3/4

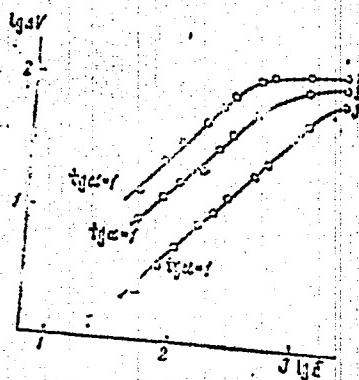


FIG. 2

ZIBUTS, Yu.A.; PARITSKIY, L.G.; RYVKIN, S.M.

Some properties of silicon with admixtures of mercury, tungsten,
molybdenum, and platinum. Fiz. tver. tela 5 no.11:3301-3304
N '63.

(MIRA 16:12)

1. Fiziko-tehnicheskiy institut imeni A.F.Ioffe AN SSSR, Leningrad.

ACC NR: AP6030951

SOURCE CODE: UR/0181/66/008/009/2549/2557

IJP(c) JD/JG/AT

AUTHOR: Zubits, Yu. A.; Paritskiy, L. G.; Ryvkin, S. M.; Dokholyan, Zh. G.

ORG: Physicotechnical Institute im. Ioffe AN SSSR, Leningrad (Fiziko-tehnicheskij institut AN SSSR)

TITLE: Photoelectric properties of silicon with copper, molybdenum, and platinum impurities

SOURCE: Fizika tverdogo tela, v. 8, no. 9, 1966, 2549-2557

TOPIC TAGS: semiconductor, silicon semiconductor, photoelectric property, silicon semiconductor impurity, semiconductor impurity, photoconductivity, relaxation, carrier capture, electron capture, photon capture, impurity center, excitation

ABSTRACT: An investigation is made of the spectra and kinetics of impurity photoconductivity of silicon doped with copper, molybdenum, and platinum. The effective cross-sections of electron and photon capture at the copper and molybdenum levels were determined. The characteristics of photoconductivity relaxation in Si(W) samples were analyzed and explained. Samples of Si(Pt) were used to study the laws

Card 1/2

Card 2/2

ACC NR: AR6024497

SWI(1)/T IJP(c) AT

SOURCE CODE: UR/0181/66/008/007/2240/2242

48

46

B

AUTHOR: Yevstropov, V. V.; Zubits, Yu. A.; Paritskiy, L. G.

ORG: Physicotechnical Institute im. A. F. Ioffe, AN SSSR, Leningrad (Fiziko-
tekhnicheskiy institut AN SSSR)TITLE: Occurrence of photo emf in a homogeneous semiconductor on the separation
boundary between regions of different degrees of optic ionization of the impurities

SOURCE: Fizika tverdogo tela, v. 8, no. 7, 1966, 2240-2242

TOPIC TAGS: photo emf, semiconductor impurity, ionization, impurity level

ABSTRACT: Since normally the production of a photo emf calls for the presence of in-
homogeneities in the semiconductor, the authors show that under certain conditions it
is possible to produce a photo emf in a perfectly homogeneous semiconductor by illu-
minating it with two beams of light having different spectral compositions. In one
region the energy of the light should be sufficient only for ionization of the shallow
levels, and in the other, the quantum energy should be sufficient for formation of
electron-hole pairs. Occurrence of photo emf is essentially due to an impurity-
ionization gradient produced by uneven illumination in the spectral region of impurity
absorption. The magnitude of the photo emf is calculated and it is shown that it is
of the same order of magnitude as the volume emf, and can reach tens of millivolts
under favorable conditions. Measurements on p-type germanium doped with gold, using a
beam of infrared light, confirmed the calculations. The authors thank S. M. Ryvkin,

Card 1/2

ACC NR: AP6024497

A. A. Grinberg, and F. M. Berkovskiy for useful discussions. Orig. art. has: 2
figures and 1 formula.

SUB CODE: 20/ SUBM DATE: 25Dec65/ ORIG REF: 002/ OTH REF: 004

Card 2/2 eafh

ZICH, L.

TECHNOLOGY

Periodical: ZELEZNICAR. No. 12, Dec. 1958.

ZICH, L. A high-standard locomotive. p. 6.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

ZICH, L.

TECHNOLOGY

Periodical: ZELEZNICAR. No. 12, Dec. 1958.

ZICH, L. Repairs and tests of injection jets of diesel engines used on
Czechoslovak railroads. p. 268.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no.13
March 1959 Unclass.

ZICH, L.

The T 435.0 diesel locomotive.

p. 268 (Zeleznice. Vol. 5, nos. 1-6, 8; Jan.-June, Aug. 1955. No. 10, Oct. 1957.
Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

ZICH, L.

Development and production of diesel locomotives in Czechoslovakia.

P. 149, (Zeleznice) No. 6, June 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acquisitions (EEAI) Vol. 6, No. 11 November 1957

ZICH, L.

Repairs and tests of injection nozzles of oil engines.
p. 214.

MECHANISACE ZEMEDELSTVI. (Ministerstvo zemedelstvi)
Praha.

Vol. 6, no. 11, June 1956.

SOURCES: EEAL LC Vol. 5, No. 10, Oct. 1956

ZICH, O.

Certain philosophical problems in the history of natural and technical sciences. p. 21.
(Sbornik pro dejiny prirodnych ved a techniky, Vol. 1, 1954, Praha)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 11,
Nov. 1955, Uncl.

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110006-0

U.S. AIR FORCE

100%
K-14

Z. L. Cukat: On the 40th anniversary of the death of
Josephine Cooper, New York City, NY, USA

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110006-0"

ZICH, O.

"What Are the Natural and Technical Sciences Obliged to I.V.Stalin For?" p.3.
"Physical Theories of the Strength of Materials," p. 15.
(Matematicko-Prirodovedecké Rozhledy, Vol.32, No.1, 1953, Praha.)

East European Vol.2, No.9
SO: Monthly List of Russian Accessions, Library of Congress, September 1953, Uncol.

ZICH, V.

MVDr

Sobotka

Prague, Veterinarstvi, No 11, Nov 62, pp 344-345.

"Nephrectomia in a Cow with Progressive Pyelonephritis of the Left Kidney"

CZECHOSLOVAKIA

KURZ, Jaromir; VOTOCKOVA, J.; ZICHA, J.

Retrotransplantation. Cesk. ofth. 12 no.2:139-148 Apr 56.

1. Z II. ocní kliniky university Karlovy v Praze. Prednosta
akademik J. Kurz.

(CORNEAL TRANSPLANTATION,
retrotranspl. (Cz))

OTRADOVEC, Jiri; ZICHA, Josef

Invasion of the epithelium into the anterior chamber after cataract extraction, Cesk. oth. 16 no.2:131-139 Mr '60

1. II. ocní klinika fakulty všeobecného lekarství University Karlovy v Praze, prednosta akademik prof. dr. Jaromír Karz.
(CATARACT EXTRACTION compl.)

OTRADOVEC, Jiri; ZICHA, Josef

Corneal complications after the extraction of senile cataract,
Cesk. ofth. 16 no. 6:352-362 S '60.

I. II. ocní klinika fakulty všeobecného lekarství Karlovy univer-
sity v Praze, prednosta akademik prof. dr. Jaromír Kurz.
(CATARACT EXTRACTION compl.)
(CORNEA dis.)

LEJSEK, Karel; ZICHA, Blahoslav

The formation of oxidation products of lipids in the homogenates of several organs and in the mitochondrial fraction of the liver and the brains of rats after X-ray irradiation in vitro. Sborn. ved. prac. lek. fak. Karlov. Univ. 9 no.1: 205-212 '64.

1. Katedra lekarske chemie (prednosta: MUDr. I. Hais) University Karlovy v Hradci Kralovs a Vyzkumne veterinarni strediske Praha.

E' CERITA MEDICA Sec 2 Vol 12/11 Physiology Nov 59

5008. CHANGES IN THE SERUM PROTEINS OF DOGS SUBJECTED TO X-RAY
IRRADIATION - Zlcha B., Kalousová V. and Kučera K. Vet. Res.
Inst., Prague - PHYSIOL. BOHEM. 1959, 8/2 (137-145) Graphs 2 Tables 1
Significant elevation of the values of the Brdička reaction, the α_{3-4} -globulins and
the glycoproteins with α_{3-4} mobility on paper was found after a dose of 600 r. This
commenced on the 2nd day after irradiation and reached a maximum just prior to
death. The changes are non-specific and are due to the general effects of ionizing
radiation on the organism. All initial values of the above-mentioned analyses in the
surviving animals were lower than those in the animals which succumbed.

Hahn - Prague

ZICHA, Blahoslav; POSPISIL, Jan; KUCERA, Karel

Effect of ionizing irradiation on the permeability of the vascular
and lymphatic system. Cesk. rentgenol. 16 no.4:259-267 Ag '62.

1. Veternarni vyzkumne stredisko v Praze.
(RADIATION EFFECTS experimental)
(BLOOD VESSELS radiation effects)
(LYMPHATIC SYSTEM radiation effects)

ZICHA BLAHOSLVA

Mechanism of primary biological effect of ionizing radiations. Cas. lek.
cesk. 97 no.11:Lek. veda zahr:25-35 14 Mar 58.

1. Veterinarni vyzkumne stredisko v Praze,
(RADIATIONS, effects,
review (Cz))

ZICHA, Blahoslav

Effect of ionizing radiations on the level of high energy phosphates.
Cas. lek. cesk. 101 no.43:1284-1291 26 0 '62.

1. Veterinarni vyzkumne stredisko v Praze.
(PHOSPHATES) (RADIATION EFFECTS) (TISSUE METABOLISM)

ZICHA, Blahoslav

Chemical protective substances and the mechanism of their action in
the irradiated organism. Cas. lek. cesk. 101 no.24/25 Lek Ved Zahr 6:
121-144 22 Je '62.

1. Veterinarni vyzkumny stredisko v Praze.

(RADIATION PROTECTION)

KVETINA, Jaroslav; ZICHA, Bohuslav; DINTAROVA, Hana

Changes in pH of body in animals after irradiation. Sborn.
ved.prac.lek.fek.Karlov.Univ. (Hrad.Kral.) 6 no.1:175-177
'63.

1. Department of Pharmacology, Charles University, Faculty
of Medicine, Hradec Kralove (head: prof. MUDr. Vojtech
Grossmann), and Veterinary Research Center, Prague.

*

Radiology

CZECHOSLOVAKIA

ZICHA, B.; BENES, J.; Veterinary Research Center (Veterinarni Vyzkumne Stredisko), Prague - Motol

"Damage Caused to Pyridine Nucleotides in an Irradiated Organism."

Prague, Veterinarni Medicina, Vol 13, No 2, Feb 67, pp 107-118

Abstract /Authors' English summary modified: Changes caused by an irradiation dose of 42,000 r to NAD(nicotinamide adenine dinucleotide) and to NADH₂ (dihydroneicotinamide adenine dinucleotide) were investigated in vitro. Fluorescence maximum of NAD decreases in anaerobic conditions, in aerobic conditions there is little change. The amount of pyridine nucleotides in rat liver decreases after a whole body dose of 1400 r. The irradiated liver maintains its normal reduction capacity within 15% for 3 hours after exposure. The total level of pyridine nucleotides in isolated mitochondria of rat liver also decreases after an irradiation dose of 1400 r. However, the mitochondria maintain their ability to transfer H-proton. 8 Figures, 5 Tables, 31 Western, 2 Czech, 1 Japanese references. (Manuscript received 3 May 65).

OTRADOVEC, Jiri; ZICHA, Josef

Change in the ocular fundus after extraction of senile cataract.
Cesk.ofth.16 no.7:454-464 N°60.

I. II. oční klinika fakulty všeobecného lekarství Karlovy univerzity
v Praze, prednosta akademik prof.dr. Jaromír Kurz.
(OCULAR FUNDUS pathol)
(CATARACT EXTRACTION)

ZICHA, K.

ZICHA, Dvorak; CERNA, J.; HAIADOVA, E.

Therapeutic physical exercises in chronic rheumatic arthritis.
Postepy reumat. no.3:151-158 1957.

(ARTHRITIS, RHEUMATOID, ther.

exercise ther. (Pol))

(EXERCISE THERAPY, in various dis.

rheum. arthritis (Pol))

DREFFUS, M.; LOMICHOVA, H.; ZICHA, J.

Traumatic retinal detachment, treated at the Second Ophthalmological Clinic from 1945-1957. Cas. oft. 15 no.2:221-224 June 59.

I. II. ocní klinika Karlovy univerzity v Praze, prednosta akademik J. Kurz.
M.D., Praha 2, U nemocnice 2.

(RETINAL DETACHMENT, etiol. & pathogen.
traum., hosp. statist. (Cz))

KURZ, J.; Votockova, J.; Zicha, J.

Cornea grafting. Cesk. oft. 10 no.2:83-96 Ap '54.

l. Z II, ocní klinika Karlovy university v Praze, Prednosta prof.
dr. Jaromir Kurz.

(CORNEAL TRANSPLATATION,

*indic. & statist. analysis of hosp. cases)

ZICHÁK

DOLEZEL, B.; RAKUSAN, B.; URBANEK, G.; VYSTROLL, A.; ZICHA, K.; ZICHA, O.

Retisin, a new tissue preparation. Česk. farm. 3 no. 7:246-247
Sept 54.

1. Z Výzkumného ústavu lecivých rostlin v Praze.
(TISSUE EXTRACTS,
retisin)

ZICHA, K.

URBANEK, Gabriel; DOLEZAL, Bedrich; RAKUSAN, Bohumir; VYSTRCIL, Aleis;
ZICHA, Karel; ZICHA, Osval; klinicky spolupracovnik; Miroslav Kolda.

Treatment of endarteritis with tissue preparations RTN. Cas.lek.
cesk. 91 no.45-46:1375-1377 14 Nov 52.

1. Z II. interni kliniky prof. dr. Ant. Vančury a Výzkumného ústavu
leciivých rostlin v Praze.

(TISSUE THERAPY, in various diseases,

endarteritis obliterans)

(ENDARTERITIS OBLITERANS, therapy,
tissue ther.)

ZICHA, K

CZECHOSLOVAKIA / Human and Animal Physiology. General T
Problems.

Abs Jour: ref Zhur-Biol., No 5, 1958, 21822.

Author : Zicha Karel, Zicha Oswald.

Inst : Not given.

Title : Changes in Parenchymatous Organs and Blood Cir-
culation in Rats Following Application of Iono-
phoresis.

Orig Pub: Fysiatr Vest. 1957, 35, No 4, 220-223.

Abstract: No abstract.

Card 1/1

DUFEK, V.; ZICHA, K.; SVEJCAR, J.

Further experiences with application of penicillin with special reference to prevention of rheumatic fever. Cas. lek. cesk. 94 no.51:1413-1417 16 Dec 55.

(RHEUMATIC FEVER, prevention and control,
penicillin.)

(PENICILLIN, therapeutic use,
rheum. fever prev.)

ZICHA, K.

Degenerative disease of the joints with special reference to transplantation. Prakt. lek., Praha 33 no.12:264-266 20 June 1953. (CML 25:1)

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110006-0

ZICHA, K.

Treatment of arthritis with tissue extracts RTN. Voj.zdrav.listy
19 no.3-4:63-65 '50. (GLML 19:3)

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110006-0"

ZICHA, K.

DELEZEL, B.; RAKUSAN, B.; URBANEK, G.; VYSTRcil, A.; ZICHA, K.; ZICHA, O.

Floristen as a drug in the treatment of inflammation. Cesk. farm.
3 no.7:247-248 Sept 54.

1. Z Vyskumneho ustavu lecivych rostlin v Praze.

(PLANTS,

Hypericum perforatum extract, ther. of inflamm.)

(INFLAMMATION, therapy,

Hypericum perforatum extract)

ZICHA, Karel

URBANEK, Gabriel; DOLEZEL, Bedrich; RAKUSAN, Bohumir; VYSTRcil, Alois;
ZICHA, Karel; ZICHA, Osvald, Kolektiv RTN; LUMDOVA, Anna, MUDr,
asistent I. gynekologické kliniky prof. Dr. Klausse

Treatment of chronic gynecological diseases with the tissue preparation
Floristen mite (RTN 118) Cas. lek. cesk. 93 no.49:1352-1354
3 Dec 54.

1. Z výzkumného ústavu léčivých rostlin, z II. interní kliniky prof.
Dr. Vančury a z I. gynekologické kliniky prof. Dr. Klausse v Praze

(PLANTS, therapeutic use

Hypericum perforatum extract in inflammatory gynecol. dis.)

(GYNECOLOGICAL DISEASES, therapy

Hypericum perforatum extract)

ZICHA, Karel, Lt Col, Dr

Author of articl, "Rheumatic Fever and Physical Education", dealing with
the ethiology of rheumatic fever and its forms, and the physical training
of those who had rheumatic fevers.
(VZL, Oct 54)

SO: Sum. 436, 30 March 1955

ZICHA O.

URBANEK, Gabriel; DOLEZAL, Bedrich; RAKUSAN, Bohumir; VYSTRcil, Aleis;
ZICHA, Karel; ZICHA, Osval; klinicky spolupracovnik: Miroslav Kolda.

Treatment of endarteritis with tissue preparations RTN. Cas.lek.
cesk. 91 ne.45-46:1375-1377 14 Nov 52.

1. z II. interni kliniky prof. dr. Ant. Vancury a Vyskumnego ustavu
leciivych rostlin v Praze.

(TISSUE THERAPY, in various diseases,
endarteritis obliterans)

(ENDARTERITIS OBLITERANS, therapy,
tissue ther.)

ZICHA, O.

DELEZEL, B.; RAKUSAN, B.; URBANEK, G.; VYSTRcil, A.; ZICHA, K.; ZICHA, O.

Floristen as a drug in the treatment of inflammation. Cesk. farm.
3 no.7:247-248 Sept 54.

1. Z Vyzkumneho ustavu lecivych rostlin v Praze.
(PLANTS,

Hypericum perforatum extract, ther. of inflamm.)
(INFLAMMATION, therapy,
Hypericum perforatum extract)

CZECHOSLOVAKIA / Human and Animal Physiology. General T
Problems.

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21822.

Author : Zicha Korel, Zicha Oswald.

Inst : Not given.

Title : Changes in Parenchymatous Organs and Blood Cir-
culation in Rats Following Application of Iono-
phoresis.

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Abstract: No abstract.

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